9   (b) each decision unit generates a value representative of a
10   selected data value and the partial address of the selected data
11   value and the decision unit of the last computation stage
12   contains the specific value, wherein each of the plurality of
13   decision units comprises:
14   (i) a binary operator for generating a binary decision
15   representative of a local address of the selected data value,
16   (ii) a multiplexer coupled to the binary operator for
17   generating one of the pair of input values as output and with the
18   output being selected by the binary decision, and
19   (iii) a storage element coupled to the binary operator
20   and the multiplexer for storing the output of the multiplexer and
21   the binary decision which is added to the partial address of the
22   selected data value.

1   3. (Twice Amended) The system of claim 1, wherein the binary
2   operator selects the minimum value of the pair of data values
3   contained in the pair of input values.

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